

FORM PTO-1449 (MODIFIED) US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. IN 551

**LIST OF ART CITED BY APPLICANT**  
(Use sever of sheets if necessary)

In re Application of: ARMBUST et al.

Serial No.: Herewith

Filed: February 12, 2002

U.S. PATENT DOCUMENTS							
Examiner. initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	AA	4,851,460	7/25/89	Stranghöner et al.	523	407	8/18/87
	AB	4,914,148	4/3/90	Hille et al.	524	507	12/11/86
	AC	4,945,128	7/31/90	Hille et al.	524	591	82/6/87
	AD	5,342,882	8/30/94	Göbel et al.	524	832	7/22/93
	AE	5,571,861	11/5/96	Klein et al.	524	591	10/21/94
	AF	5,569,705	10/29/96	Vogt-Birnbrich et al.	524	591	2/27/95
	AG	5,691,425	11/25/97	Klein et al.	525	455	7/2/92
	AH	5,726,258	3/10/98	Fischer et al.	526	64	7/1/96
	AI						
	AJ	4,746,366	5/24/88	Philipp et al.	106	287.19	3/17/86
	AK	4,730,020	3/8/88	Wilfinger et al.	524	555	2/27/86
	AA	4,895,910	1/23/90	Isozaki et al.	525	326.5	2/29/88
	AB	4,880,867	11/14/89	Gobel et al.	524	507	8/18/87
	AC	5,334,420	8/2/94	Hartung et al.	427	407.1	3/13/91
	AD	5,760,128	6/2/98	Baltus et al.	524	591	2/27/91
	AE	4,489,135	12/18/84	Drexler et al.	428	423.1	2/18/83
	AF	5,654,391	8/5/97	Göbel et al.	528	71	4/20/95
	AG	5,075,372	12/24/91	Hille et al.	524	839	2/6/87
	AH	5,368,944	11/29/94	Hartung et al.	428	423.1	2/1/92
	AI	5,370,910	12/6/94	Hille et al.	427	407.1	7/24/89
	AJ	3,639,147	2/1/72	Benefiel et al.	117	73	2/3/70
W	AK	3,953,644	4/27/76	Camelon et al.	428	220	12/20/74
EXAMINER				DATE CONSIDERED 3/17/2004			
EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

\*Applicant has modified this form by deleting the word "prior".

FORM PTO-1449  
(MODIFIED)

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. IN-5551

**LIST OF ART CITED BY APPLICANT**  
(Use sever of sheets if necessary)

In re Application of: ARMBUST et al.

Serial No.: Herewith

Filed: February 12, 2002

**U.S. PATENT DOCUMENTS**

Examiner initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Wk	AA	4,268,542	5/19/81	Sakakibara et al.	427	195	1/25/79
	AB	4,675,234	6/23/87	Sachs et al.	428	328	4/17/85
	AC	4,719,132	1/12/88	Porter, Jr.	427	409	4/29/87
	AD	4,754,014	6/28/88	Ryntz et al.	528	28	2/24/87
	AE	5,356,669	10/18/94	Rehfuss et al.	427	407.1	10/23/92
	AF	5,474,811	12/12/95	Rehfuss et al.	427	407.1	5/11/94
	AG	5,605,965	2/25/97	Rehfuss et al.	525	100	2/25/97
	AH	5,418,264	5/23/95	Obloh et al.	523	414	3/3/94
	AI	5,601,880	2/11/97	Schwarte et al	427	407.1	8/5/94
	AJ	5,965,213	10/12/99	Sacharski et al.	427	475	4/4/96
	AK	5,601,878	2/11/97	Kranig et al.	427	386	6/23/93
	AA	5,516,559	5/14/96	Röckrath et al.	427	407.1	2/3/93
	AB	5,576,386	11/19/96	Kempter et al.	526	88	1/28/93
	AC	5,425,970	6/20/95	Lahrman et al.	427	493	5/6/93
	AD	5,079,312	1/7/92	Isozaki et al.	525	479	5/11/90
	AE	4,981,759	1/1/91	Nakatani et al.	428	626	5/2/88
	AF	5,368,944	11/29/94	Hartung	428	423.1	2/1/92
	AG	5,447,998	9/5/95	Grandy et al.	526	18/02	4/8/94
	AH	4,220,679	9/2/80	Backhouse	427	401	4/17/78
	AI	4,576,868	3/18/86	Poth et al.	428	423.1	9/14/84
	AJ	4,246,382	1/20/81	Honda et al.	526	79	11/6/78
Wk	AK	6,309,707	10/30/01	Mayer et al.	427	386	12/20/96

EXAMINER

DATE CONSIDERED

3/17/2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant has modified this form by deleting the word "prior".

FORM PTO-1449  
(MODIFIED)

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. IN 5551

**LIST OF ART CITED BY APPLICANT**  
(Use sever of sheets if necessary)

In re Application of: ARMBUST et al.

Serial No.: Herewith

Filed: February 12, 2002

**FOREIGN PATENT DOCUMENTS**

Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W	AA	354 261 A1	11.08.88	EP	C08G	18/50	X	/
	AB	669 356 A1	22.02.95	EP	C08G	18/83	/	X
	AC	401 565 A1	16.05.90	EP	C09D	5/02	X	/
	AD	531 510 B1	23.03.92	EP	C08L	75/04	X	/
	AE	543 817 B1	27.02.91	EP	C08G	18/08	X	/
	AF	397 806 B1	24.07.89	EP	C08G	18/08	/	X
	AG	536 712 A2	7.10.92	EP	C09D	201/02	/	X
	AH	522 420 A2	30.06.92	EP	C08J	3/03	X	/
	AI	594 142 A1	20.10.93	EP	C08L	57/12	X	/
	AJ	299 148 A2	13.04.88	EP	C08G	18/08	X	/
	AK	521 928 B1	13.03.91	EP	C08F	299/06	/	X
	AN	89 497 A2	21.02.83	EP	C09D	3/72	/	X
	AO	593 454 B1	09.03.91	EP	B05D	7/26	/	X
W	AP	069 936 B1	02.07.82	EP	C09D	3/00	/	X

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

W	AQ	English Abstract for EP 0 069 936 A2	1-19-1983
W	AR	English Abstract for DE 39 03 804 C2	8-23-1990
	AS		
	AT		

EXAMINER

DATE CONSIDERED

3/17/2004

**EXAMINER:** Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant has modified this form by deleting the word "prior".

FORM PTO-1449  
(MODIFIED)US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. IN 551

LIST OF ART CITED BY APPLICANT  
(Use sever of sheets if necessary)

In re Application of: ARMBUST et al.

Serial No.: Herewith

Filed: February 12, 2002

## FOREIGN PATENT DOCUMENTS

Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W	AA	2104845	8.25.93	CA	C09D	161/00	X	
	AB	2127761	08.24.01	CA	C09D	175/04	X	
	AC	2073115	08.24.01	CA	C09D	175/14	X	
	AD	2102170	08.24.01	CA	C09D	133/00	X	
	AE	038 127 A1	24.03.81	EP	B05D	7/26	X	
	AF	678 536 A1	21.04.95	EP	C08G	18/08		X
	AG	594 071 A1	15.10.93	EP	C09D	201/02	X	
	AH	2078650	08.24.01	CA	C09D	133/00	X	
	AI	WO95/14721	1/6/95	EP	C08F	290/14		X
	AJ	WO97/49745	31.12.97	EP	C08G	18/08	X	
	AK	WO97/49747	31.12.97	EP	C08G	18/75	X	
	AN	WO96/12747	2/5/96	EP	C08F	285/00		X
	AO	WO92/22615	23.12.92	EP	C09D	151/08		X
W	AP	WO94/10211	11.05.94	EP	C08F	8/30	X	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

W	AQ	English Language Abstract Cover Page Of The International Publication WO96/12747 2/3/97	
W	AR	English Language Abstract DE 43 28 092 A1. 2/23/1995	
W	AS	English Language Abstract Cover Page Of The International Publication WO95/14721 1/6/1995	
W	AT	English Language Abstract Cover Page Of The International Publication WO00/53687 9/14/2000	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant has modified this form by deleting the word "prior".

FORM PTO-1449 (MODIFIED) US DEPARTMENT OF COMMERCE  
 PATENT AND TRADEMARK OFFICE

Atty. Docket No. IN 5551

**LIST OF ART CITED BY APPLICANT**  
 (Use sever of sheets if necessary)

In re Application of: ARMBUST et al.

Serial No.: Herewith

Filed: February 12, 2002

**FOREIGN PATENT DOCUMENTS**

Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
WA	AA	649 865 B1	15.10.94	EP	C08G	18/67		X
	AB	634 431 A1	13.07.94	EP	C08G	18/12		X
	AC	WO00/53687	14.09.00	EP	C09D	133/00		X
	AD	276 501 A2	26.09.87	EP	C11D	1/42	X	
	AE	39 03 804 C2	13.12.01	DE	C09D	175/06		x
	AF	397 806 B1	24.07.89	EP	C08G	18/08		X
	AG	394 737 A1	09.04.90	EP	C09D	175/06	X	
	AH	590 484 A1	22.09.93	EP	C08G	18/08	X	
	AI	574 417 B1	01.02.92	EP	B05D	5/06		X
	AJ	249 201 A2	10.06.87	EP	C09D	3/58	X	
	AK	297 576 A1	30.06.88	EP	C09D	3/72		X
	AN	708 788 B1	16.06.94	EP	C08G	18/08		X
	AO	596 460 A2	03.11.93	EP	C09D	201/00		X
WA	AP	424 705 A2	04.10.90	EP	C08F	283/00	X	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

WA	AQ	English Language Abstract EP 436 941	7/17/1991
WA	AR	English Language Abstract EP 260 447.	3/23/1988
WA	AS	English Language Abstract EP 297 576.	4/1/1989
WA	AT	BASF Lacke + Farben, PCT/EP94/01956, filed June 16, 1993, Entitled "Process for the preparation of polyurethane resins and their use and the use of ethoxyethyl propionate for the preparation of polyurethane resins", pages 1-38.	

EXAMINER

DATE CONSIDERED

3/17/2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant has modified this form by deleting the word "prior".

FORM PTO-1449  
(MODIFIED)US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. IN 5551

LIST OF ART CITED BY APPLICANT  
(Use sever of sheets if necessary)

In re Application of: ARMBUST et al.

Serial No.: Herewith

Filed: February 12, 2002

## FOREIGN PATENT DOCUMENTS

Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
WA	AA	594 068 A1	15.10.93	EP	C09D	201/02	X	
	AB	358 153 B1	04.09.89	EP	C09D	143/04		X
	AC	WO97/12945	10.04.97	EP	C09D	5/04	X	
	AD	WO82/02387	22.07.82	EP	C08F	2/02	X	
	AE	WO94/10212	11.05.94	EP	C08F	8/30	X	
	AF	2012191A	21.12.78	UK	B2E	1103	X	
	AG	581 211 A1	23.07.93	EP	C08G	18/08		X
	AH	256 540 A2	15.08.87	EP	C09D	3/49		X
	AI	2102169	94.05.07	CA	C09D	175/14	X	
	AJ	584 818 B1	26.08.93	EP	C08G	18/08		X
	AK	234 362 A1	06.02.87	EP	C08G	18/08		X
	AN	256 540 A2	15.08.87	EP	C09D	3/49		X
	AO	522 419 A1	30.06.92	EP	C08G	18/67		X
WA	AP	596 461 A2	03.11.93	EP	C09D	201/00		X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

WA	AQ	English Abstract for EP 540 884 A1	5/12/1993
WA	AR	English Abstract for DE 28 48 906 A1	5/17/1979
WA	AS	English Abstract for 19613547	11/7/1996
	AT		

EXAMINER

DATE CONSIDERED

3/17/2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant has modified this form by deleting the word "prior".

JC Rec'd PCT/PTO 12 FEB 2002

FORM PTO-1449  
(MODIFIED)US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. IN 5551

**LIST OF ART CITED BY APPLICANT**  
(Use sever of sheets if necessary)

In re Application of: ARMBUST et al.

Serial No.: Herewith

Filed: February 12, 2002

**FOREIGN PATENT DOCUMENTS**

Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>W</i>	AA	3628124	03.03.88	DE	C09D	3/727		X
<i>W</i>	AB	4421823	04.01.96	DE	C09D	175/04		X
	AC							
<i>W</i>	AD	3828098	08.03.90	DE	C08G	77/58		X
	AE							
<i>W</i>	AF	4011045	10.10.91	DE	B05D	7/02		X
<i>W</i>	AG	4020316	09.01.92	DE	C09D	183/04		X
<i>W</i>	AH	4025215	13.02.92	DE	C08G	59/50		X
<i>W</i>	AI	4122743	26.1..92	DE	C09D	4/00		X
<i>W</i>	AJ	4204518	19.08.93	DE	B05D	1/36		X
	AK				C09D	5/36		X
<i>W</i>	AN	4303570	11.08.94	DE	B05D	7/26		X
<i>W</i>	AO	3706095	27.08.87	DE	C98G	77/20		X
	AP							

**OTHER ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>W</i>	AQ	English Abstract for DE 38 28 098 A1	3/8/1990
<i>W</i>	AR	English Abstract for DE 40 11 045 A1	10/10/1991
<i>W</i>	AS	English Abstract for DE 40 20 316 A1	1/9/1992
<i>W</i>	AT	English Abstract for DE 40 25 215 A1	2/13/1992

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant has modified this form by deleting the word "prior".

FORM PTO-1449  
(MODIFIED)US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. IN 5551

LIST OF ART CITED BY APPLICANT  
(Use sever of sheets if necessary)

In re Application of: ARMBUST et al.

Serial No.: Herewith

Filed: February 12, 2002

## FOREIGN PATENT DOCUMENTS

Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Wk	AA	43 28 092 A1	23.02.95	DE	C09D	175/04		X
	AB	39 03 804 C2	13.12.01	DE	C09D	175/06		X
	AC	44 21 823 A1	04.01.96	DE	C09D	175/04		X
	AD	19613547	07.11.96	DE	C09D	5/46		X
	AE	19709465	17.09.98	DE	B05D	7/26		X
	AF	540 884 A1	03.10.92	EP	B05D	3/06		x
	AG	2848906	17.05.79	DE	C08F	20/18		X
	AH	WO94/22969	13.10.94	EP	C09D	133/06		X
	AI	436 941 B1	07.17.91	EP	C08 G	18/08		X
	AJ	568 967 A3	04.05.93	EP	B05D	3/00		X
Wk	AK	2033530	07.13.91	CA	C09D	175/04	X	
	AN							
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Wk	AQ	CHEMICAL ABSTRACTS, vol. 84, no. 18, 3. May 1976 (1976-05-03), Columbus, Ohio, US; abstract no. 123526w, Page 94; XP002153878; & JP 50 095388 A (TOA GOSEI CHEM IND CO, LTD) 29. July 1975 (1975-07-29)
Wk	AR	English Abstract for DE43 28 092 A1 2/23/1995
Wk	AS	English Abstract for EP0 604 992 A1 7/6/1994
Wk	AT	English Abstract for DE 197 09 465 A1 9/17/1998

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant has modified this form by deleting the word "prior".



FORM PTO-1449 (MODIFIED)	US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. IN-5551
<b>LIST OF ART CITED BY APPLICANT</b> (Use sever of sheets if necessary)		In re Application of: ARMBUST et al.
Serial No.: Herewith		
Filed: February 12, 2002		

FOREIGN PATENT DOCUMENTS								
Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Wk	AA	228 003 A1	11.12.86	EP	B05D	7/16		X
	AB	234 361 A1	06.02.87	EP	C08G	18/08		X
	AC	581 211 A1	23.07.93	EP	C08G	18/08		X
Wk	AD	256 540 A2	15.08.87	EP	C09D	3/49		X
	AE							
Wk	AF	584 818 B1	26.08.93	EP	C08G	18/08		X
	AG	234 362 A1	06.02.87	EP	C08G	18/08		X
	AH	0 195 931 A1	19.02.86	EP	C09D	3/80		X
	AI	38 07 571 C3	10.06.98	DE	C08L	83/07		X
	AJ	0 297 576 B1	30.06.88	EP	C09D	175/06		X
	AK	260 447 B1	15.08.87	EP	C08F	283/10		X
	AN	523 610 A1	14.07.92	EP	C09D	163/00		X
	AO	WO94/10213	11.05.94	EP	C08F	8/30	X	
Wk	AP	WO94/22968	13.10.94	EP	C09D	133/06	1	X
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
Wk	AQ	English Abstract for DE 41 22 743 C1 11/26/1992						
Wk	AR	English Abstract for DE 43 03 570 A1 11/8/1994						
Wk	AS	English Abstract for EP 0297 576 b1 1/4/1989						
Wk	AT	English Abstract for WO 94/22968 On Front Page Of The International Publication 10/13/1994						
EXAMINER		DATE CONSIDERED 3/17/2004						
EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

\*Applicant has modified this form by deleting the word "prior".